

R. Philip Grizzard

851 S. Morgan St.
Department of Mathematics, Statistics
and Computer Science (m/c 249)
Chicago, IL 60607

email: grizzard@math.uic.edu
Office Phone: (312) 996-2305
Fax: (312) 996-1491

Webpage: <http://www.math.uic.edu/~grizzard>

Education

- **Doctor of Philosophy** (*Mathematics*).
University of Illinois at Chicago, expected May 2007.
Dissertation title: *On Lefschetz Characters of 2-local Geometries for Some Sporadic Groups*.
Thesis defended successfully February 13, 2007.
- **Master of Science** (*Mathematics*).
Illinois State University, May 2000.
- **Bachelor of Science (with Distinction)** (*Mathematics*).
University of Illinois at Urbana-Champaign, May 1998.

Current Research Interests

- Finite simple groups, groups and geometries, computational group theory.

Research Publications

- *On non-projective block components of Lefschetz characters for sporadic geometries* (shorter version of thesis).
Accepted by *Communications in Algebra*.
Preprint available at http://arxiv.org/PS_cache/math/pdf/0701/0701125v3.pdf.

Non-Research Publications

- *The Stopwatch Date*, Math Horizons Magazine 7 (2000), 22.
Also published in *The Edge of the Universe: Celebrating 10 Years of Math Horizons* (Deanna Haunsperger and Stephen Kennedy, eds.), Mathematical Association of America, 2006, p. 140.

Invited Talks

- On Lefschetz Characters of 2-local Geometries for Some Sporadic Groups.
Group Theory Seminar, January 2007.
University of Chicago, Chicago, IL.
- On Specht's Theorem.
Graduate Research Symposium, May 2000.
Illinois State University, Normal, IL.

Contributed Talks

- The Stopwatch Date.
Graduate Student Number Theory Conference, March 2000.
University of Illinois, Urbana, IL.

Conferences and Workshops

- Joint Mathematics Meetings.
New Orleans, LA, January 2007.
- London Mathematical Society Regional Workshop: Representation Theory, Fusion Systems, and Groups.
Birmingham, UK, May 2005.
- University of Illinois at Urbana-Champaign Graduate Student Number Theory Conference.
Urbana, IL, March 2000.
- Illinois State University Graph Theory Conference.
Normal, IL, October 1999.

Awards and Scholarships

- Travel Award from the Department of Mathematics, Statistics and Computer Science, University of Illinois at Chicago, 2005 and 2007.
- VIGRE fellowship from the Department of Mathematics, Statistics and Computer Science, University of Illinois at Chicago, 2002.
- University of Illinois Avery Brundage Scholarship, 1997.
- Edmund J. James Scholar, University of Illinois at Urbana-Champaign, 1994-1997.
- Dean's List at UIUC, Fall 1994, Spring 1995, Spring 1996, Fall 1996, and Spring 1997.
- William Bagley Education Scholarship, Fall 1996 and Fall 1997.
- University of Illinois at Urbana-Champaign Mother's Association 5.0 Award, Fall 1994.

Certifications

- Standard Secondary Teaching, State of Illinois.
- Level I Coaching, USA Track and Field.

Professional

- Co-President, Mathematics Graduate Student Association at the University of Illinois at Chicago, 2002-2003 and 2003-2004.
- Member, American Mathematical Society (AMS).
- Member, Mathematical Association of America (MAA).

Work Experience

- Research Assistant (Prof. Stephen D. Smith), University of Illinois at Chicago, 2003-2006.
 - Worked under National Security Agency grant H 98230-05-1-0075.
- Lecturer, University of Illinois at Chicago.
 - Linear Algebra, Fall 2006.
- Teaching Assistant Coordinator for the Department of Mathematics, Statistics, and Computer Science, University of Illinois at Chicago, Fall 2005 and Spring 2006.
- Emerging Scholars Program Workshop Instructor, University of Illinois at Chicago.
 - Calculus I, Spring 2002.

- Calculus II, Fall 2002.
- Calculus III, Spring 2003.
- Differential Equations, Fall 2003, Spring 2004, Fall 2004.
- Differential Equations and Linear Algebra, Spring 2005.
- Teaching Assistant, University of Illinois at Chicago.
 - Calculus I, Fall 2000, Spring 2001, Spring 2002.
 - Calculus II, Fall 2001, Fall 2002, Fall 2005, Spring 2006.
- Research Assistant (Prof. Bhamu Srinivasan), University of Illinois at Chicago, 2001.
 - Worked under NSA grant MDA904-00-1-0032.
- Teaching Assistant, Illinois State University.
 - College Algebra, Fall 1998, Spring 1999, Spring 2000.
 - Finite Mathematics, Fall 1999.

References

- Professor Stephen D. Smith
851 S. Morgan St.
Department of Mathematics, Statistics and Computer Science (m/c 249)
Chicago, IL 60607
Phone : 1-312-413-2165
smiths@math.uic.edu.
- Professor Bhamu Srinivasan
851 S. Morgan St.
Department of Mathematics, Statistics and Computer Science (m/c 249)
Chicago, IL 60607
Phone : 1-312-413-2160
srinivas@uic.edu.
- Professor David Radford
851 S. Morgan St.
Department of Mathematics, Statistics and Computer Science (m/c 249)
Chicago, IL 60607
Phone : 1-312-996-4839
radford@uic.edu.

Teaching References

- Professor Dibyen Majumdar
851 S. Morgan St.
Department of Mathematics, Statistics and Computer Science (m/c 249)
Chicago, IL 60607
Phone : 1-312-996-4833
dibyen@uic.edu.
- Professor Steven Hurder
851 S. Morgan St.
Department of Mathematics, Statistics and Computer Science (m/c 249)
Chicago, IL 60607
Phone : 1-312-413-2154
hurder@uic.edu.